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Nevada Gaming Revenues Calendar Year 1997 Analysis

## **TOTAL WIN, SLOT WIN, and GAME & TABLE WIN**

Table 1 shows that total win grew 5.1% in calendar year 1997 with slot win and game & table win growing 4.8% and 5.5%, respectively. The 1997 growth in total win was about 1.3% below the average growth in total win observed during the 1990's. Over the eight-year period, 1990 - 1997, total win growth has averaged 6.4% with growth in slot win averaging 7.4% and game & table win averaging 5.0% gains during this period.

Slot win generated 62.7% of the total gaming win in 1997, almost identical to the 62.8% posted in 1996. Slot win in 1997 accounted for 6.0% more of total win than 10 years ago, when slot win was 56.6% of total win in 1987. However, this ratio is lower than 5 years ago when slot machines generated 63.3% of total win in 1992. This is the highest percentage observed over the last 10 years.

TABLE 1
Total Win, Slot Win, and Game & Table Win

	Total Win				Slot Win		Game & Table Win		
Area	1997	1996	% Change	1997	1996	% Change	1997	1996	% Change
Statewide	7,801,920,467	7,426,001,981	5.06%	4,890,892,899	4,666,071,245	4.82%	2,911,027,568	2,759,930,734	5.47%
Clark County	6,151,904,298	5,783,516,681	6.37%	3,692,916,337	3,517,870,028	4.98%	2,458,987,962	2,265,646,656	8.53%
Downtown Las Vegas	678,549,471	678,909,641	-0.05%	479,026,829	477,924,982	0.23%	199,522,645	200,984,657	-0.73%
Las Vegas Strip	3,809,373,308	3,579,269,146	6.43%	1,822,554,492	1,761,681,656	3.46%	1,986,818,818	1,817,587,489	9.31%
Laughlin	482,337,709	490,661,151	-1.70%	398,439,984	400,702,839	-0.56%	83,897,724	89,958,311	-6.74%
Boulder	416,048,997	361,440,044	15.11%	354,175,873	304,355,152	16.37%	61,873,124	57,084,894	8.39%
North Las Vegas	162,829,808	145,690,603	11.76%	138,990,221	123,453,798	12.58%	23,839,585	22,236,803	7.21%
Balance of County	602,765,005	527,546,096	14.26%	499,728,938	449,751,601	11.11%	103,036,066	77,794,502	32.45%
Washoe County	995,370,512	975,627,643	2.02%	722,369,918	689,494,592	4.77%	273,000,592	286,133,046	-4.59%
Reno	751,320,811	743,221,045	1.09%	525,310,786	503,249,678	4.38%	226,010,022	239,971,366	-5.82%
Sparks	150,667,982	142,264,267	5.91%	124,134,425	117,621,924	5.54%	26,533,557	24,642,343	7.67%
North Shore Lake Tahoe	37,331,666	37,342,309	-0.03%	25,248,473	24,636,974	2.48%	12,083,191	12,705,337	-4.90%
Balance of County	56,050,053	52,800,022	6.16%	47,676,234	43,986,016	8.39%	8,373,822	8,814,000	-4.99%
South Shore Lake Tahoe	294,498,875	316,926,545	-7.08%	181,136,857	178,677,584	1.38%	113,362,018	138,248,961	-18.00%
Carson Valley Area	73,758,655	71,313,217	3.43%	64,835,797	61,552,008	5.33%	8,922,859	9,761,210	-8.59%
Elko County	198,351,749	200,209,252	-0.93%	148,362,388	147,605,593	0.51%	49,989,362	52,603,660	-4.97%
Wendover	100,308,875	106,131,499	-5.49%	70,538,251	74,378,902	-5.16%	29,770,626	31,752,596	-6.24%
Balance of County	98,042,874	94,077,753	4.21%	77,824,137	73,226,691	6.28%	20,218,736	20,851,064	-3.03%

Win from nickel slot machines, which accounted for 12.6% of the total slot win in 1997, grew 11.3%. Win from quarter slot machines increased 4.6% in 1997 and generated 48.0% of total statewide slot win. Dollar slot machine win was

29.4% of total statewide slot win, but win from this category of slot machines fell 0.9% in 1997. This is the second consecutive year of small decreases in dollar slot machine win, falling 0.4% in 1996.

Twenty-one accounted for 35.1% of total game & table win in 1997, growing 4.6% over the 1996 level. Win from baccarat grew 17.5%, accounting for 19.4% of total game & table win. Win from craps was basically unchanged in 1997, growing only 0.02% over the 1996 level, generating 13.3% of game & table win. Roulette win fell 2.1% in 1997 and accounted for 7.1% of total game & table win. Win from mini-baccarat increased 16.8% and accounted for 3.5% of game & table win.

Win from sports pool activity grew 17.2% in 1997. The sports pool category accounted for 3.1% of 1997 game & table win. Win from football wagering was up 16.2%, accounting for 35.8% of total sports pool win. The basketball component of the sports pool category fell 26.8%, generating 15.8% of total sports pool win. Win from wagering on baseball activity increased 60.9%, accounting for 18.4% of total sports pool win. The gaming win from wagering on other sports pool activity posted a 417.0% increase in 1997. The other sports pool component won \$6.8 million in 1997 versus losing \$2.2 million in 1996. This category of the sports pool activity accounts for 7.6% of total sports pool win in 1997.

Win from race books decreased 2.2% in 1997, only the second decline during the 1990's. Race book win accounts for only 1.2% of total statewide gaming win. The race pari-mutuel category of race books fell 0.4% in 1997, the first decline in the 1990's. Race pari-mutuel represented 93.0% of total race book win during 1997.

It is useful to analyze the results excluding baccarat activity given the volatility in the win from this particular game. In 1997, game & table win excluding baccarat grew 2.9% versus the 5.5% reported above for total game & table win. Compare this to 1996, when total game & table win fell 3.1%, but game & table win excluding baccarat actually increased 2.4%. Total win in 1997 grew 5.1%, but grew only 4.2% excluding baccarat win. However, in 1996, total win rose only 0.8%, but increased 3.0% when the impact of baccarat is removed.

## **SLOT COIN-IN and GAME & TABLE DROP**

Table 2 displays the coin-in from slot machines and drop from games & tables. Total slot coin-in grew 3.4% statewide in 1997. This is the smallest growth observed in statewide slot coin-in during the 1990's. The 1997 growth in coin-in is well below the average growth rate of 8.4% established during the 1990's. Statewide drop from games & tables increased 1.0% during the 1997 calendar year. This small increase in game & table drop is an improvement over the 1.5% decline posted in 1996, but below the average growth posted during the 1990's of 5.0%.

TABLE 2
Slot Coin-In and Game & Table Drop

	9)	Slot Coin-In		Game & Table Drop			
Area	1997	1996	% Change	1997	1996	% Change	
Statewide	98,273,282,854	95,090,391,460	3.35%	19,893,446,347	19,692,315,546	1.02%	
Clark County	73,255,743,033	71,011,051,206	3.16%	17,195,531,310	16,838,387,668	2.12%	
Downtown Las Vegas	9,896,717,903	9,889,355,739	0.07%	1,793,359,357	1,816,895,247	-1.30%	
Las Vegas Strip	32,141,079,541	31,841,294,958	0.94%	13,545,623,017	13,376,128,120	1.27%	
Laughlin	7,634,069,208	7,836,705,372	-2.59%	468,734,197	501,017,477	-6.44%	
Boulder	8,658,720,174	7,801,440,767	10.99%	506,739,446	434,108,156	16.73%	
North Las Vegas	3,985,985,284	3,663,685,804	8.80%	216,817,512	198,790,211	9.07%	
Balance of County	10,939,170,923	9,978,568,566	9.63%	664,257,781	511,448,457	29.88%	
Washoe County	14,947,424,621	14,461,099,211	3.36%	1,605,946,743	1,662,332,162	-3.39%	
Reno	10,721,206,591	10,365,061,479	3.44%	1,314,253,931	1,384,264,203	-5.06%	
Sparks	2,906,016,790	2,835,696,322	2.48%	172,048,381	161,317,435	6.65%	
North Shore Lake Tahoe	457,175,620	453,109,604	0.90%	79,200,538	77,452,780	2.26%	
Balance of County	863,025,620	807,231,806	6.91%	40,443,893	39,297,744	2.92%	
South Shore Lake Tahoe	3,535,991,676	3,550,260,990	-0.40%	746,718,862	821,387,700	-9.09%	
Carson Valley Area	1,550,202,075	1,507,039,853	2.86%	50,874,587	54,615,051	-6.85%	
Elko County	3,327,130,463	3,108,926,028	7.02%	255,169,376	276,753,089	-7.80%	
Wendover	1,963,523,134	1,879,341,307	4.48%	162,035,898	176,115,836	-7.99%	
Balance of County	1,363,607,329	1,229,584,721	10.90%	93,133,478	100,637,253	-7.46%	

Nickel slot machine coin-in increased 15.4% during 1997. This is the strongest growth observed in nickel slot coin-in during the 1990's and the first double-digit increase since 1992, when it grew 12.2%. Coin-in from quarter slot machines grew 2.2% in 1997. This is the smallest increase posted in the 1990's on coin-in from quarter slot machines, almost half the 4.3% rate observed in 1996. The coin-in from dollar slot machines fell 1.0% during 1997. This is the first decline observed in dollar slot coin-in in the 1990-1997 period.

Nickel, quarter, and dollar slot machines combined account for 87.6% of total slot coin-in, or 8.0%, 45.1%, and 34.5%, separately. Nickel slot coin-in as a percent of total coin-in has been steadily increasing during the 1990's. The percentage was 6.6% in 1990 and has increased almost each year, reaching 8.0% in 1997. Although quarter slot coin-in was 45.1% of total coin-in in 1997, this was below the percentage of 45.4% in 1990 and even farther below the 1990's peak of 46.3% in 1993. Although generating 34.5% of total coin-in in 1998, dollar slot's percentage of total slot coin-in has fallen each year since 1990, when dollar slots generated 39.9% of total coin-in. The percentage of coin-in from higher denomination slot machines (\$5, \$25, and \$100) has risen during the 1990's. Although the percentage is still small compared to dollar slot machines, these three categories of slot machines accounted for 8.5% of 1997 total coin-in versus 6.0% in 1990.

Drop from baccarat decreased 0.1% in calendar 1997. Actually, this slight decline is somewhat of a stabilization of the baccarat activity after 1996 fell 19.7% from the 1995 level of drop on baccarat. This is after observed double-digit growth during the 1993 - 1995 period, when average growth over these three years was 28.6%. Twenty-one drop increased 1.5% during 1997, half the 3.0% rate posted in 1996 and less than half the average growth of 3.3% during the 1990's. Drop from craps increased 0.8% and drop on roulette rose 3.5%. Drop on mini-baccarat increased 10.4% in 1997. This is the fourth consecutive year of double-digit growth in mini-baccarat drop. In fact, there has been strong double-digit growth in mini-baccarat drop in seven out of the last eight years with an average growth of 34.8% over this 1990-1997 period.

Twenty-one, baccarat, craps, roulette, and mini-baccarat account for 75.5% of total drop on games & tables. Separately, twenty-one, baccarat, craps, roulette, and mini-baccarat generated 36.6%, 16.6%, 13.9%, 4.5%, and 3.8% of the game & table drop in 1997. Twenty-one's percentage of drop has declined from levels observed in the early 1990's, when twenty-one accounted for 40%-41% of total game & table drop. Craps has accounted for 13.9% of total game & table drop in each of the three years, 1995-1997. This is below the percentage in the early 1990's when craps generated 18.0% of total drop during 1990-1991. Baccarat's percentage of game & table drop in 1997 of 16.6% is basically equal to the average percentage of 16.5% over the 1990-1997 period. Mini-baccarat's percentage of total drop has steadily increased

during the 1990's, from 0.7% in 1990 to 3.8% in 1997. Roulette's percentage has also increased during the 1990's, although not steadily, from 3.4% in 1990 to 4.5% in 1997 with a high of 4.7% in 1994.

Wagering on the sports pool activities decreased 2.1% in 1997 and accounted for 12.2% of total game & table drop. This is only the second time that sports pool wagering has declined in the 1990's, falling 3.8% in 1992. Football wagering, which accounts for 39.0% of 1997 sports pool wagering, fell 5.2% in 1997 after declining 3.5% in 1996. Similarly, wagering on basketball decreased 6.4% after falling 1.4% in 1996. Basketball wagering represented 29.2% of total sports pool wagering during 1997. The baseball category accounted for 26.5% of total sports pool wagering. Wagering on baseball activity increased 6.0% in 1997. Wagering on sports parlays fell 14.6% during 1997, the first time wagering on this category has fallen during the 1990's. Sports parlay wagering generated 2.8% of the total 1997 wagering in the sports pool. Wagering in the other sports pool category increased 15.8% in 1997, accounting for 5.4% of sports pool wagering.

Wagering in race books increased 1.8% in 1997. Race book wagering accounts for about 3.2% of total game & table drop. Pair-mutuel race book wagering declined 2.1% overall in 1997. The first decrease recorded in the 1990's. Parimutuel wagering generated 77.9% of total race book wagering during 1997.

## **SLOT and GAME & TABLE WIN PERCENT**

Table 3 displays information on the win percent from slot machines and games & tables. The win percent is the percentage of coin-in from slots and drop from games & tables kept by nonrestricted licensees as gaming win.

Table 3 shows that the average slot win percent of 4.98% in 1997 was 0.07% higher relative to 1996. This explains why slot win grew faster than coin-in during 1997. If the average win percent in 1997 would have been at the 1996 level of 4.91%, total statewide slot win would have grown 3.3% in 1997, instead of 4.8%.

This is the first increase in the annual win percent during the 1990's. During the period, 1990-1996, the annual win percent declined each year from a high of 5.3% in 1990 to the low in 1996 of 4.91%. The average win percent during the 1990's was 5.03%

TABLE 3
Slot and Game & Table Win %

	Slot Win %			Game & Table Win %			
Area	1997	1996	Change	1997	1996	% Change	
Statewide	4.98%	4.91%	0.07%	14.63%	14.02%	0.62%	
Clark County	5.04%	4.95%	0.09%	14.30%	13.46%	0.84%	
Downtown Las Vegas	4.84%	4.83%	0.01%	11.13%	11.06%	0.06%	
Las Vegas Strip	5.67%	5.53%	0.14%	14.67%	13.59%	1.08%	
Laughlin	5.22%	5.11%	0.11%	17.90%	17.96%	-0.06%	
Boulder	4.09%	3.90%	0.19%	12.21%	13.15%	-0.94%	
North Las Vegas	3.49%	3.37%	0.12%	11.00%	11.19%	-0.19%	
Balance of County	4.57%	4.51%	0.06%	15.51%	15.21%	0.30%	
Washoe County	4.83%	4.77%	0.06%	17.00%	17.21%	-0.21%	
Reno	4.90%	4.86%	0.04%	17.20%	17.34%	-0.14%	
Sparks	4.27%	4.15%	0.12%	15.42%	15.28%	0.15%	
North Shore Lake Tahoe	5.52%	5.44%	0.09%	15.26%	16.40%	-1.15%	
Balance of County	5.52%	5.45%	0.08%	20.70%	22.43%	-1.72%	
South Shore Lake Tahoe	5.12%	5.03%	0.09%	15.18%	16.83%	-1.65%	
Carson Valley Area	4.18%	4.08%	0.10%	17.54%	17.87%	-0.33%	
Elko County	4.46%	4.75%	-0.29%	19.59%	19.01%	0.58%	
Wendover	3.59%	3.96%	-0.37%	18.37%	18.03%	0.34%	
Balance of County	5.71%	5.96%	-0.25%	21.71%	22.43%	-0.72%	

The game & table win percent of 14.63% for 1997 was 0.62% above 1996's win percent. Statewide game & table win would have grown 1.0% instead of 5.5% if the 1996 average win percent of 14.02% would have been maintained in 1997. The 1997 game & table win percent of 14.63 was 0.14% above the average win percent during the 1990's of 14.49%.

The average win percent on nickel slot machines was down 0.29% (from 8.09% to 7.80%) in 1997. The annual win percent on nickel slot machines has fallen each year from 1990-1997 from a high of 9.13% in 1990. The average win percent on quarter slot machines increased 0.12% from 5.18% in 1996 to 5.30% in 1997. This is the second straight year of increase in the annual win percent on quarter slot machines. The average annual win percent on quarter slot machines during the 1990-1997 period is 5.22% with a high of 5.39% in 1990. The average win percent on dollar slot machines in 1997 was unchanged from 1996 at 4.25%. Although the average win percent on dollar slot machines has been somewhat stable the last two years, it is well below the high of 4.7% in 1990 and below the average win percent of 4.40% during the 1990's.

The average win percent on baccarat increased 2.55% during 1997 from 14.51% to 17.06% in 1997. The average win percent on baccarat wagering during the 1990's is 15.55%. The 1997 baccarat win percent of 17.06% is second only to 18.42% in 1991 during the 1990's. The win percent on twenty-one was up 0.42% from 13.58% to 14.00% in 1997. This is the first posted increase in the twenty-one win percent since 1993. Twenty-one had an average annual win percent of 14.13% during the 1990's. The craps win percent fell 0.12% on average during 1997 from 14.17% to 14.05%, almost identical to the 0.10% decline posted in 1996 over 1995. The average annual win percent on craps during the 1990's is 14.16%. Although the win percent on roulette declined 1.32% from 24.29% to 22.97% in 1997, it was almost identical to the average win percent over the 1990's of 22.99%. The average win percent on mini-baccarat increased for the second consecutive year from 12.69% to 13.41% which is identical to the average annual win percent during the 1990-1997 period.

The average win percent in the sports pool increased .61% from 3.08% to 3.69% in 1997 which is above the average win percent during the 1990's of 3.53%. The win percent on football wagering increased 0.63% to 3.39% in 1997, below the average hold of 3.46% over the 1990-1997 period. The basketball win percent fell to 2.22%, a 0.62% decline from 1996 and also below the average 1990's win percent of 2.57%. During 1997, 2.56% of the wagering on baseball was kept, a 0.87% increase over the 1996 win percent and above the average hold of 1.88% over the 1990-1997 period. The win percent on sports parlay wagering increased 2.43% to 29.79% during 1997, well above the average hold of 27.02% during the 1990's. The win percent in the other sports pool category was 5.17% in 1997 versus -1.89% in 1996. The other sports pool category posted an average win percent of 3.26% over the 1990's.

In 1997, the average win percent on race book wagering was 14.55%, down 0.59% from 1996. The 1997 win percent was well below the average win percent over the 1990's of 15.48%.